

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1788754	preparation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:20
L2	34485	1,4-butanediol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:20
L3	22597	L1 and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:20
L4	145296	hydrogenation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:20
L5	2204	L3 and L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:20
L6	32884	succinic anhydride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/12/27 08:20
L7	336	568/852	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/12/27 08:20
L8	14	L7 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/12/27 08:20
L9	1	L8 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/12/27 08:20

## EAST Search History

L10	1	L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:21
L11	482898	carboxylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:21
L12	1495	L5 and L11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:21
L13	420	L12 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/12/27 08:21
L14	256728	two stage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/12/27 08:21
L15	31	L13 and L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/12/27 08:21
L16	31	L15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:21
S1	1748166	preparation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 09:57
S2	33482	1,4-butanediol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/25 15:20
S3	21881	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/25 14:32

## EAST Search History

S4	142605	hydrogenation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/25 14:32
S5	2144	S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/25 14:32
S6	473399	carboxylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/25 14:33
S7	1446	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/25 14:33
S8	32121	succinic anhydride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/08/25 14:36
S9	404	S7 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/08/25 14:36
S10	250857	two stage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/08/25 14:36
S11	28	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/08/25 14:42
S12	333	568/852	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/08/25 14:44
S13	14	S12 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/08/25 14:56

## EAST Search History

S14	1	S13 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	WITH	OFF	2006/08/25 15:00
S15	2	("5196602").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:19
S16	2	("6486366").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/28 09:45
S17	2	("6906228").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/28 10:55
S18	2	("5196602").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/28 12:36
S19	2	("6486366").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/28 12:42
S20	2	("6906228").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/28 12:45
S21	8	("1070036").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/28 12:46
S22	2	("4977248").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/28 12:47
S23	2	("5037996").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/28 12:50

## EAST Search History

S24	2	("5099038").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/28 12:51
S25	2	("4940805").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/28 13:29
S26	2	("6297389").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/28 13:29
S27	4	("3268588").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:01
S28	4	("4001282").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:03
S29	1	("4048196").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:05
S30	2	("4268695").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:05
S31	4	("4301077").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:08
S32	2	("4652685").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:08
S33	2	("4797382").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:14

## EAST Search History

S34	2	("4885411").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:28
S35	2	("4940805").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:29
S36	2	("4965378").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:30
S37	2	("5030773").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:30
S38	2	("5072009").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:31
S39	2	("5122495").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:31
S40	2	("5149836").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:32
S41	2	("5196602").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:34
S42	2	("5395990").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:36
S43	2	("5406004").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:36

## EAST Search History

S44	2	("5536849").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:37
S45	2	("6008375").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:37
S46	2	("6297389").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/26 10:39